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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/691,834	10/22/2003	Robert D. Henderson	0003	6675

7590  
Stewart J. Womack  
16236 N. 51st. Street  
Scottsdale, AZ 85254

06/08/2004

EXAMINER

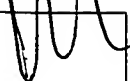
WALTON, GEORGE L

ART UNIT	PAPER NUMBER
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3753

DATE MAILED: 06/08/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b> 10/691,834	<b>Applicant(s)</b> HENDERSON ET AL. 	
	<b>Examiner</b> George L. Walton	<b>Art Unit</b> 3753	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-19 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-19 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |   |  |
|---|--|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. ____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                  | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)            |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date ____ | 6) <input type="checkbox"/> Other: ____  |

## **DETAILED ACTION**

### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-18 are rejected under 35 U.S.C. 102(b) as being anticipated by Wendel et al. The at least one sender unit is readable on elements 10, 22 and 64 or 10, 22 and 65 and the plurality of sender units are recited in column 1, lines 30-65 and column 4, lines 53-62. Element 16 is readable on the fluid sensor or detector. Note that the two electrodes of element 16 represent the electrical contacts for determining the resistance or continuity between the two electrical contacts through the electrical circuit that drives element 10. The main shut-off valve is readable on element 45. Elements 36, 38 and 40 are readable on the base unit. The multi-colored LEDs are readable on elements 66 and 68. The red LED 66 is readable on the claimed leak or water detection and LED 68 is readable on the low battery condition. The battery is readable on element 52. Also, the claimed reset button is readable on elements 46, 69, 69a, 73 and 74 (see column 6, lines 1-67 and column 11, lines 37-52).

Claims 1-5 and 10-11 are rejected under 35 U.S.C. 102(b) as being anticipated by Apeleman. The at least one sender unit is readable on elements 3, 11 and 12 and the plurality of sender units are recited in column 6, lines 4-56. Element 3 is readable on the fluid sensor or detector. It is inherent that element 3 represents the electrical contacts for determining the

resistance or continuity between the two electrical contacts through the electrical circuit that drives elements 8-10. The main shut-off valve is readable on element 10. Elements 2, 4 and 14 are readable on the base unit. Also, the claimed reset button is readable on column 4, lines 56-67 and column 5, lines 1-4).

***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claim 19 is rejected under 35 U.S.C. 103(a) as being unpatentable over Wendel et al. The above claim is readable on the patent to Wendel et al with the single exception of having a third LED that illuminates a green light for indicating a normal operation. In view of the teaching of Wendel et al, it would be obvious to one of ordinary skill in the art, at the time the invention was made to provide the above exception, if desired. Note that whether there is a LED or no LED that represents a normal operation is merely a matter of obvious design expedient to one of ordinary skill in the art, at the time the invention was made. The illumination colors of the claimed LEDs are merely obvious design choices to one of ordinary skill in the art, at the time the invention was made in view of LEDs 66 and 68. It is apparent that the same claimed result can be achieved regardless of the illumination color of the LEDs, even though Wendel use two LEDs opposed to the claimed three LEDs. From this teaching, any number of LEDs is capable of being utilized.


***Conclusion***

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to George L. Walton whose telephone number is 703-308-2596. The examiner can normally be reached on M-F, 8:00-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dave Scherbel can be reached on 703-308-1272. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
George L. Walton  
Primary Examiner  
Art Unit 3753

GLW